

JUMO dTRANS T1000 – Temperature Sensor with IO-Link (902915)

- Small, compact, robust
- High degree of accuracy
- Various process connections
- Simple startup
- Easy sensor replacement



Order details

(1) Basic type	
902915	JUMO dTRANS T1000 - temperature sensor with IO-Link
(2) Basic type extension	
10	IO-Link interface, M12 x 1 plug
30	IO-Link interface, M12x1 plug, high temperature
(3) Operating temperature in °C	
370	-50..150°C
386	-50..260°C
(4) Measuring insert	
1013	1x Pt1000 in 4-wire circuit
(5) Tolerance class	
2	Class A
3	Class AA
(6) Diameter prot. tube	
3,00	3 mm (only with process connection 379)
6,00	6 mm
(7) Insertion length	
15,00	15 mm (only with process connection 379 minicip)
20,00	20 mm (only with process connection 379 minicip)
25,00	25 mm (only with process connection 379 minicip)
50,00	50 mm
100,00	100 mm
150,00	150 mm
(8) Process connection	
000	Without process connection
103	Screw connection G 3/8
104	Screw connection G 1/2
379	Screw connection M12 x 1,5 with CIP-compliant conical seal
380	Screw connection G 1/2 with CIP-compliant conical seal
550	DN 20 aseptic DIN 11864-1A
551	DN 25 aseptic DIN 11864-1A
552	DN 32 aseptic DIN 11864-1A
553	DN 40 aseptic DIN 11864-1A
554	DN 50 aseptic DIN 11864-1A
601	Taper socket with union nut DN 10 DIN 11851 (dairy compression fitting)
604	Taper socket with union nut DN 25 DIN 11851 (dairy compression fitting)
605	Taper socket with union nut DN 32 DIN 11851 (dairy compression fitting)
611	Clamping socket (clamp) DN 10/20 DIN 32676
613	Clamping socket (clamp) DN 25/32/40 DIN 32676 (1 1/2" ISO 2852)
616	Clamping socket (Clamp) DN 50 DIN 32676 (2" ISO 2852)
617	Clamping socket (clamp) 2 1/2" similar to DIN 32676
681	Ball welding socket with threaded fitting
682	Welding socket with CIP-compliant conical seal
684	VARIVENT connection DN 15/10
685	VARIVENT connection DN 32/25
686	VARIVENT connection DN 50/40
755	BioControl D25 (NEUMO)

756	BioControl D50 (NEUMO)
757	BioControl D65 (NEUMO)
758	BioControl D80 (NEUMO)
997	JUMO PEKA hygienic process connection
(9) Protection tube material	
24	Stainless steel 316L
(10) Extra codes	
000	Without approval
061	With UL approval
100	Customer-specific configuration (specifications in plain text)
310	Protection tube stepped down
374	Inspection certificate 3.1 DIN EN 10204 material
452	Wetted, electrolytically polished parts, surface roughness Ra <= 0.8 µm
458	Wetted, electrolytically polished parts, surface roughness Ra <= 0.4 µm
774	DAkKS (DKD) calibration (standard, test points: 0; 100 and 200°C)
775	DakKS(DKD)-calibration (as service, specify test points in plain text)
974	DAkKS (DKD) adjustment (standard, test points 0, 100 and 200 °C)
975	DAkKS (DKD) adjustment (service, test points as per requirement, please write out in full)
1160	H2 ready - mobile hydrogen applications

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
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IO-Link
Stock versions

Order code	Part no.
902915/10-370-1013-2-6-50-104-24/000	00661665
902915/10-370-1013-2-6-100-104-24/000	00676722

Accessories

Description	Part no.
Welding socket G 1/2 for process connection 380 and 387	00378264
welding sleeve M12	00614228
welding sleeve M12	00655051
IO Link Master 4 channel	00759867
IO Link Master 8 channel	00759875
USB IO-Link Master 1 Channel (use with Windows-PC), incl. Mini-USB-Cable	00694070
preconfiguration (Service)	00427968
deployment of service	00427970
Connection cable M8/voltage 2 m IO Link Master 4 channel	00767913
Connection cable M12/voltage 2 m IO Link Master 8 channel	00767914
Connection cable M8/Ethernet 2m IO Link Master 4 channel	00767923
Connection cable M12/Ethernet 2m IO Link Master 8 channel	00767927
Connection cable M12 5-pole 2 m	00777804

Software

Description	Part no.
JUMO dTRANS T1000 IO-Link IODD V1.0.1	00681034
JUMO dTRANS T1000 IO-Link IODD V1.1	00681035

